



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

MAR 11 1998

Mr. Robert E. Booth
Director, Regulatory Affairs/Quality
Midwest Dental Products
901 West Oakton Street
Des Plaines, Illinois 60018

Re: K973800
Trade Name: 23:1 Reduction Angle
Regulatory Class: I
Product Code: EGS
Dated: December 22, 1997
Received: December 29, 1997

Dear Mr. Booth:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the current Good Manufacturing Practice requirement, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic (QS) inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531

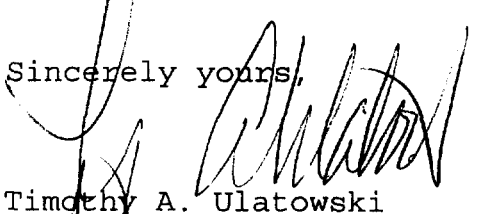
Page 2 - Mr. Booth

through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4618. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsmamain.html>".

Sincerely yours,



Timothy A. Ulatowski
Director
Division of Dental, Infection Control
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

K973800/A1

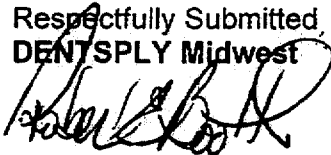
DENTSPLY
MIDWEST

Midwest Dental Products
Division of DENTSPLY International
901 West Oakton Street
Des Plaines, IL 60018-1884
Phone (847) 640-4800
Fax (847) 640-6165

Statement of Indications for Use
Dental Handpiece; Speed Reduction Angle
510(k) Number: K973800

The Indications for Use of this device is to provide a dental professional a lowspeed handpiece which may be used, in conjunction with various dental burs as identified by the dental professional, in the performance of various dental procedures including, but not limited to, Prophylaxis, Post and Pin Drilling, Pin Setting, Root Canal Enlargement and Sealing, and Caries Removal. The intended patient population is the general population requiring such procedures.

Respectfully Submitted,
DENTSPLY Midwest





Robert E. Booth
Director, Regulatory Affairs/Quality

FDA/CDRH/ODE/DHG

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RECEIVED


(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number K973800

Prescription Use 
(Per 21 CFR 801.109)

SK-69